

Sec. M1701 Combustion Air

Where the volume of the space in which fuel burning appliances are installed is less than 50 cubic feet per 1000 Btuh, then outside combustion air in the amount determined by the code must be provided.

Appendix F

Radon control methods

Testing

Pressure test of 80lbs PSI or town water system pressure test will be required prior to any interior sheet rock being applied. All drain, waste, vent, gas and water piping systems must be tested prior to concealment. This test shall be performed simultaneous with the phase three framing inspections on all-new construction or remodel projects. Notes: 1) A pressure reducer valve is required if system pressure exceeds 80lbs. 2) If you have plumbing in a basement it will need to be tested and inspected before the concrete slab is poured.

Water supply shall be tested with water (from town water system) or 80psi of air (if approved by pipe manufacturer).

Drain, waste and vent systems shall be tested with water or air (if approved by pipe manufacturer)

Water Testing- each section shall be filled with water to a point not less than 10' above the highest point in the completed system. Water shall be held in the section under test for a period of 15 minutes. The system shall prove leak free by visual inspection.

Air Test- the portion under test shall be maintained at a gauge pressure of 5 pounds per square inch. This pressure shall be held without introduction of additional air for a period of 15 minutes.

Gas Pipe Systems- shall be tested with air at a gauge pressure of 10 pounds per square inch. This pressure shall be held without introduction of additional air for a period of 10 minutes.

Inspection Scheduling

Before scheduling a footing inspection have all horizontal rebar lifted 3" above the ground, have the UFER ground attached properly to the rebar and have the vertical rebar dowels with a 6" bend (or more if required) and any hardware being used in the footing pour on site for inspection.

Before scheduling a stem wall inspection have all foundation vents in place for crawlspace foundations (if being placed in concrete stem wall), all required rebar 1 1/2" clearance from exterior stem wall forms, have any required hardware/hold downs and have properly size anchor bolts on job site.

Before scheduling a Stage 3 Inspection have all structural framing and hardware complete, all rough in electrical, mechanical, fuel gas and plumbing with test pressures applied. Have water supply test with water from town water system or test with air at least 80psi. (See Testing)

Before scheduling a Stage 4 Final Inspection have premium address numbers attached to building. Have all electrical, plumbing, mechanical and fuel gas systems and fixtures operational. Have all coverings, floor coverings, cabinets and trim installed. Have doors and windows in working order. Have stair hand and guard rails complete. Have exterior siding, trim, roofing, decks, stairs and guard rails complete. Have finish grade complete.